Adam Rudd
EMC Engineer
NCR Corporation

2651 Satellite Blvd
Duluth, GA 30096

REQUEST FOR MODULAR APPROVAL
FCC ID: JEH2381GRPR

2010-04-26

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Gentlemen:

NCR Corporation requests modular approval for our 13.56 MHz RFID transmitter in accordance with 47CFR15.212. The 2381GRPR satisfies your definition of a self-contained radiofrequency device that is typically incorporated into another host and complies with all of your requirements as addressed below:

15.212(a)(1)(i)
The module features its own integrated shielding in the form of a metal PCB shield over the RF components.

15.212(a)(1)(ii)
The module's RF circuit does not allow for external data input. The transmitter circuit is driven by an onboard microcontroller which provides data buffering and protection from excessive data rates and over-modulation.

15.212(a)(1)(iii)
The module features its own integrated DC power regulators to provide the stable voltages necessary for operation even when the input voltage is varied.

15.212(a)(1)(iv)
The antenna is etched in the PCB and thus permanently attached.

15.212(a)(1)(v)
The module was tested stand-alone and relied only on its own integrated shielding, as shown in the application for certification, and the power cable was > 10cm in length and used no ferrites.

15.212(a)(1)(vi)
The module contains a permanently affixed label indicating its FCC ID. The module is not intended for sale to third parties; any device that contains this module will be manufactured under the control of NCR Corporation and will have the appropriate labeling as part of its regulatory compliance label. The application for certification contains examples of these.

15.212(a)(1)(vii)
The module complies with all specific rules which apply to complete transmitters of its type.

15.212(a)(1)(viii)
There are no applicable RF exposure rules for this module per 15.225 and 2.1091.

Sincerely,

Name: Adam Rudd
Date: 2010-04-26